

Maternal energy insufficiency affects testicular development of the offspring in a swine model

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Primer name	Primer sequence (5'-3')	Login number
<i>mTOR-R</i>	CCT TTC GAG ATG GCA ATG GA	GU086214.1
<i>mTOR-F</i>	TTG TTG CCC CCT ATT GTG AAG	
<i>P70S6K-R</i>	TTG GAA GTG GTG CAG AAG CTT	XM_003131671.4
<i>P70S6K-F</i>	GGA AAC AAG TGG AAT AGA GCA GAT G	
<i>PI3K-R</i>	AAC CAC GCT TCA GCA GAA AT	Y10743.1
<i>PI3K-F</i>	CCA GAA ACT GGA GAG CTT GG	
<i>AMPK-R</i>	AGC TCG CCT CCT GAA ACA TA	NM_001167633.1
<i>AMPK-F</i>	CCG CAG AGA AAT TCA GAA CC	
<i>STAR8-R</i>	AAG GTC CAT CGT CTG CTT GT	JQ965783.1
<i>STAR8-F</i>	GAG GAG GAG GAA GAG GAG GA	
<i>GATA4-R</i>	TGA TGC CAT TCA TCT TGT GG	AY115491.1
<i>GATA4-F</i>	TCT CGG AAG GCA GAG AGT GT	
<i>CDK1-R</i>	TTT CGA GAG CAG ATC CAA GC	NM_001159304.2
<i>CDK1-F</i>	AGT GTG GCC AGA AGT GGA GT	
<i>Cyclinb1-R</i>	TGC TTT GTA AGC CCT CGA TT	NM_001170768.1
<i>Cyclinb1-F</i>	TGG TGA ATG GAC ACC AAC TC	
<i>P450SCC-R</i>	AAT GCT GGT GAT AGG CAA CC	L34259.1
<i>P450SCC-F</i>	TCG GCA ACT TGG AAT CTG TT	
<i>FasL-R</i>	CCC GGA AGT ACA CTT TGG AA	AY033634.1
<i>FasL-F</i>	CTC TGG AAT GGG AAG ACA CC	
<i>C-kit-R</i>	TTC CAC GAG GTC ATC AAC AA	L07786.1
<i>C-kit-F</i>	AAG CGA AAT GGT GGA ACA AC	
<i>AKT-F</i>	GAG GTC ATG GAG CAC AGG TT	NM_001256779.1
<i>AKT-R</i>	CGT CAA AGT ACC GAG TGT CG	
<i>CYP19A-F</i>	TGG AGT GCA TCG GCA TGT AT	NM_214430.1
<i>CYP19A-R</i>	GTG ATG GAA TCG GCA CAG AC	
<i>CYC-F</i>	GGC TCC TGG ATT CTC TTA CAC AG	NM_001129970.1
<i>CYC-R</i>	CCA GGT ACT CCA TCA GTG TCT CC	
<i>CFLAR-F</i>	CGA AGG ATG TTC ATG GCA GA	NM_001001628.1

<i>CFLAR-R</i>	CAC CTC CAG GAA GCT GCT GT	
<i>CASP3-F</i>	CGA GGC ACA GAA TTG GAC TG	NM_214131.1
<i>CASP3-R</i>	CCA GGA ATA GTA ACC AGG TGC TG	
<i>CASP10-F</i>	ACA GGA TGG ACC GGA ATC AC	NM_001161640.1
<i>CASP10-R</i>	CGC CTC AGA CAT TCA GCA TC	
<i>PCNA-F</i>	TCC TGA AGA AGG TGC TGG AA	NM_001291925.1
<i>PCNA-R</i>	GAG ACG AGT CCA TGC TCT GC	
<i>CCND2-F</i>	GCA GAA CTT GCT GAC CAT CG	NM_214088.1
<i>CCND2-R</i>	CAC AGA CCT CCA GCA TCC AG	
<i>CCNA-F</i>	GGC ACT GCT GCT ATG CTG TT	NM_001177926.1
<i>CCNA-R</i>	ACG AGG TGC TCC ATT CTC AA	
<i>GADD45-F</i>	GTG TCA GGA ATG CAG CGA CT	XM_005654701.2
<i>GADD45-R</i>	TTC CAG GCA TCT GTG TGA GG	
<i>SOD2-F</i>	AAC AAC CTG AAC GTC GTG GA	NM_214127.2
<i>SOD2-R</i>	GGC CTC CAC CGT TGA ACT T	
<i>HADHA-F</i>	AGC TCC GCA GAA GGA GGT TA	NM_213962.2
<i>HADHA-R</i>	GGT GCT TAT CCA CGG AGA CC	
<i>ACADM-F</i>	GAG GAG CCA TTG ATG TGT GC	NM_214039.1
<i>ACADM-R</i>	CGG ATC AGA ACG AGC CAA TA	
<i>MYL9-F</i>	CAA GGC CAA GAC CAC CAA G	NM_001244472.1
<i>MYL9-R</i>	CCA TCT CGG TTC TGG TCG AT	
<i>ICAM1-F</i>	TCA GAG GCT ACG GTC CAC CT	NM_213816.1
<i>ICAM1-R</i>	TGC TCC TTC TCG GTT CCA TT	
<i>IFNG-F</i>	TCT GCA GAT CCA GCG CAA AG	NM_213948.1
<i>IFNG-R</i>	GCT CTC TGG CCT TGG AAC AT	
<i>CCL4-F</i>	TCT GCG TGA CTG TCC TCT CC	NM_213779.1
<i>CCL4-R</i>	GCT TCC GCA CGG TGT ATG T	
<i>IL-8-F</i>	TCC AAA CTG GCT GTT GCC TT	NM_213867.1
<i>IL-8-R</i>	ACA GTG GGG TCC ACT CTC AA	
<i>MAP2K1-F</i>	TCG ATG AAC AGC AGC GGA AGC	NM_001143716.1
<i>MAP2K1-R</i>	ACC TTG AAC ACC ACA CCT CCA TTG	
<i>β-actin-F</i>	TCTGGCACCACACCTTCT	U07786.1
<i>β-actin-R</i>	TGATCTGGGTCATCTTCTCAC	

Supplemental Table 2: Primers for RT-PCR in this study.